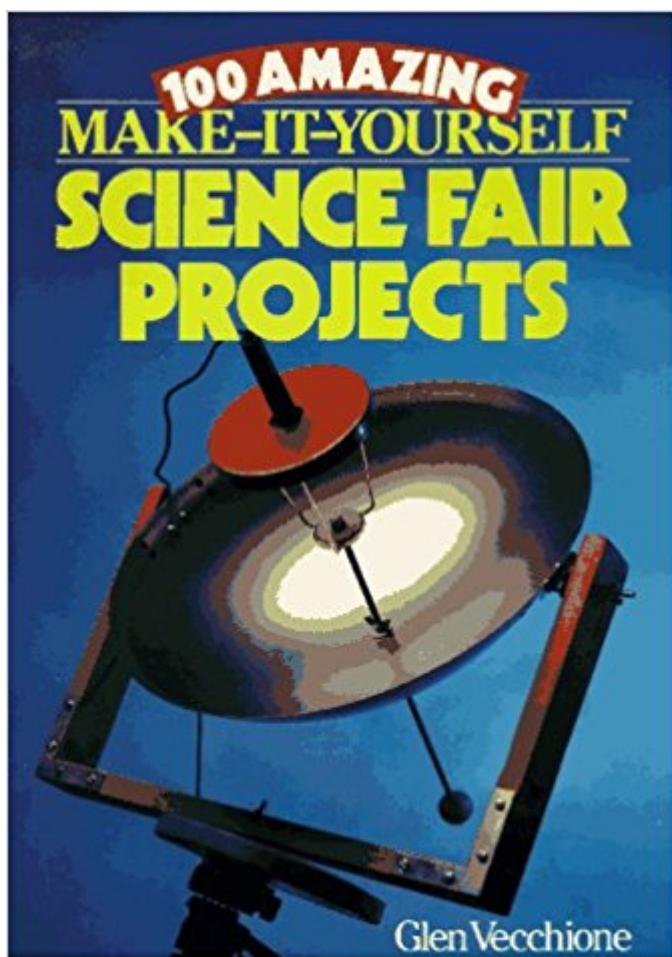


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# 100 Amazing Make-It-Yourself Science Fair Projects



## Synopsis

"This extensive collection of do-it-yourself projects ranges from simple ideas using household materials to sophisticated plans which are unique. Each set-up includes a list of materials, instructions, and a black-and-white drawing of the finished product."--Booklist. "...many good projects...place in the school science library."--Appraisal. "The directions are clear and straightforward..."--VOYA.

## Book Information

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## Customer Reviews

Grade 6 Up?This extensive collection of do-it-yourself projects ranges from simple ideas using household materials to sophisticated plans requiring a significant investment of time and money, a few of which, such as a parabolic sound antenna, are unique. Each device or set-up includes a list of materials, generally clear instructions, and a black-and-white drawing of the finished product. Unfortunately, the title is misleading; most of these projects are demonstrations and need to be incorporated into a series of experiments to work for science fairs, and there isn't much discussion of the science behind each one. In addition, judges might disqualify "Overpopulation Studies" that lead to guppies dying, and the complicated refracting telescope could prove disappointing. The volume also lacks a list of science-supply houses and a list for further reading.?Alan Newman, American Chemical Society, Washington, DC

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Middle through high school grades are quite frequently faced with the daunting task of conceiving of

and producing a project suitable for showing: enter this collection of experiments, which covers everything from building a working telescope to creating a miniature ecosystem for display. This outlines many projects which will prove readily achievable with a minimum of special materials. --  
Midwest Book Review

The ideas are great. The instructions are terrible. I have found so many errors in the book such as listing materials in the instructions which are not in the material list. The material list gives very little information such as which brand of mint box. The pictures and the instructions do not seem to always go together. I have also spent many hours tracking down some of the materials due to the outdated supplies. The instructions do not fully explain things, such as which wire goes to the negative and which wire goes to the positive battery terminal. I want my students to experiment, but not to re-invent the experiment due to the poor instructions. I have been very disappointed.

Two of my children decided to use this book for their science fair projects. Both ran into problem after problem with the description of how the project was supposed to work and how it actually worked. The execution of one (building bridges) required an enormous amount of precision. Perhaps a high schooler could attempt it. It would have helped to rank the projects as easy, medium or difficult but there is no indication. The second project, building a stereoscopic 3-D viewer was even worse. It was completely wrong and didn't have the desired 3-D effect at all. It was as if both of these "experiments" were written without them ever being attempted by a child of any age!! The editor of this book should have attempted some of them for him or herself. I think then, the book would never have been published! Our copy is going in the trash.

Safe for ages and ages of fun. I love the way it describes its experiments and the pictures. It also helped to tell whether or not I need a grown-up or not. The only problem I had with it was the projects themselves. There were a lot of fun ones but there weren't enough of them to keep me busy. I guess I understand to the point where you could only put 50 projects in but make them a little more interesting and you've got it down pat.

I am disappointed in this book of poor directions and mistakes. The directions are not clear. The directions are not in proper order (we ruined a 6-volt battery because of the steps). The materials are not all listed in the material list in some of the projects. However, if you really want students to experiment and think, this book is it because they have to figure out what the directions really

should say.

This book is great for busy parents and children it gives a list of items needed to do the project, a step by step direction on how to do the project and it also explains what the person doing the project will be trying to accomplish or proof.

Sometimes it's hard to find the science project that fits you! But, with 100 amazing Make-It-Yourself Science Fair Projects You can find a hundred different interesting Science Fair Projects that you can browse through and find the one you want!

This book has got a lot of great ideas! In my search for GREAT science books, I came across "Science Is..." by Susan V. Bosak. Check this book out for value and the years of use you'll get out it. Highly recommended for any classroom or even a teacher in training!

I think this book is a great book and all people should have it!

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